

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
 Data File : VD076814.D
 Acq On : 26 Jul 2023 19:09
 Operator : KP/SY
 Sample : 03769-11
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P30A

Quant Time: Jul 27 04:26:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	123714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	265948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	261675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	117733	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86720	70.376	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.760%
35) Dibromofluoromethane	7.804	113	94370	56.467	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.940%
50) Toluene-d8	10.269	98	327993	54.861	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.720%
62) 4-Bromofluorobenzene	12.575	95	96566	49.928	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.860%

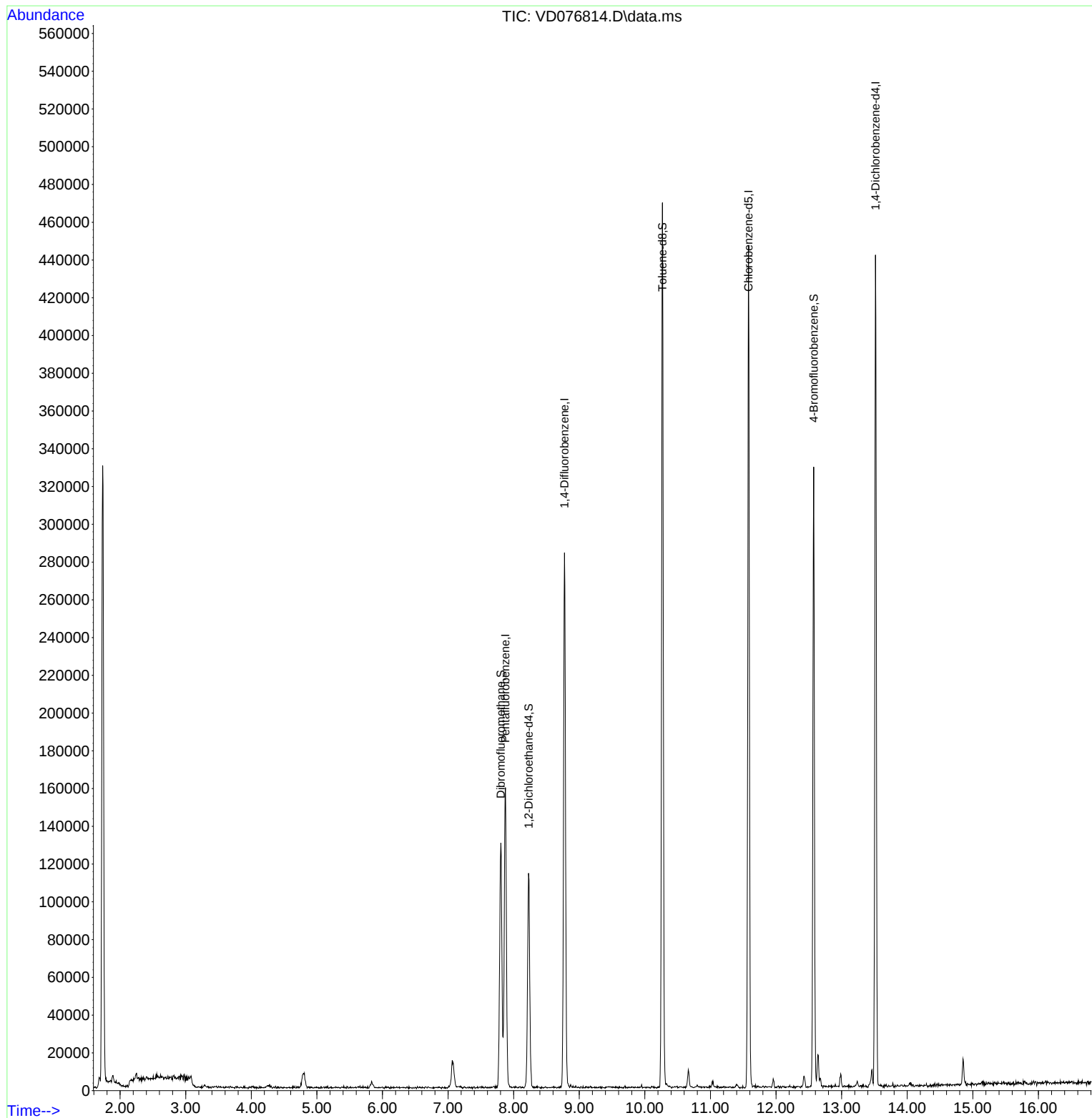
Target Compounds	Qvalue

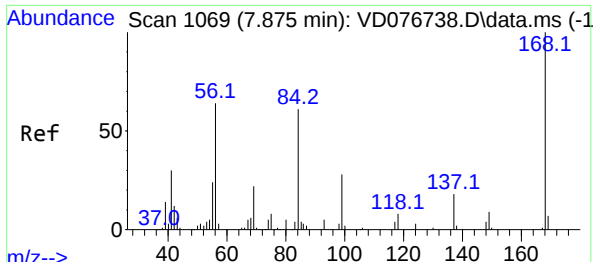
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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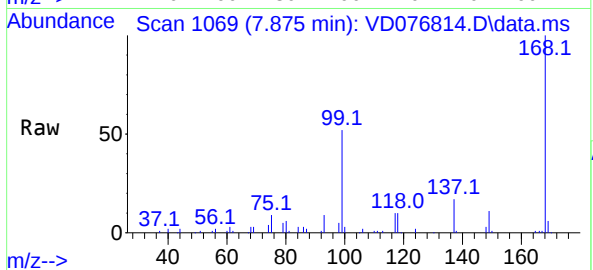
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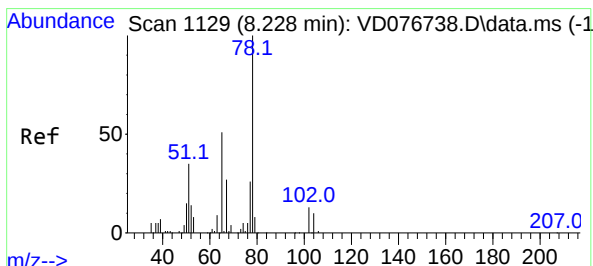
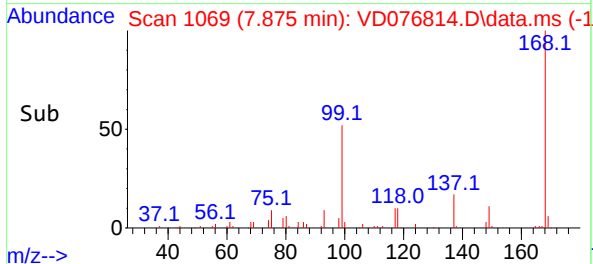
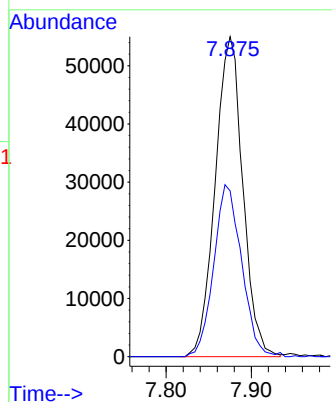


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076814.D
Acq: 26 Jul 2023 19:09

Instrument :
MSVOA_D
ClientSampleId :
B-P30A

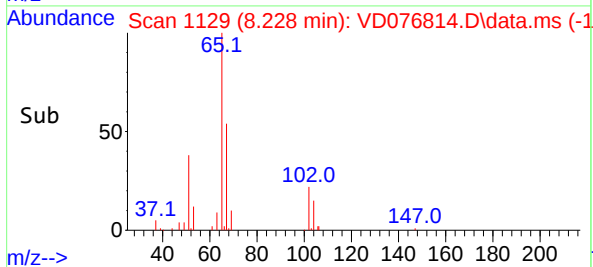
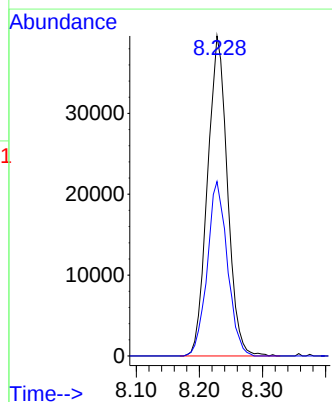
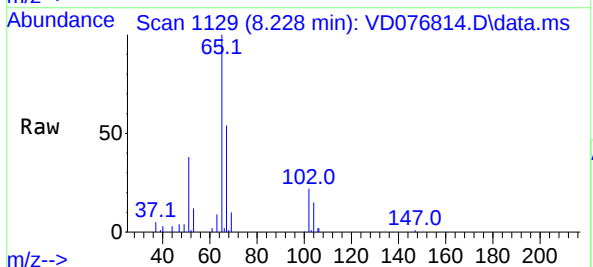


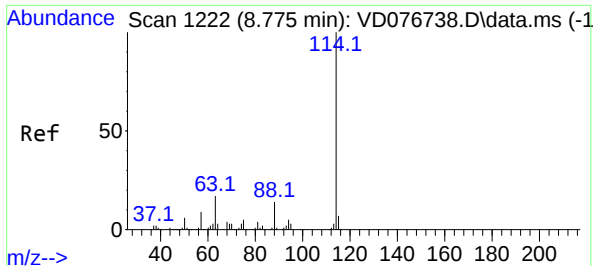
Tgt Ion:168 Resp: 123714
Ion Ratio Lower Upper
168 100
99 51.8 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 70.376 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076814.D
Acq: 26 Jul 2023 19:09

Tgt Ion: 65 Resp: 86720
Ion Ratio Lower Upper
65 100
67 55.0 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076814.D

Acq: 26 Jul 2023 19:09

Instrument :

MSVOA_D

ClientSampleId :

B-P30A

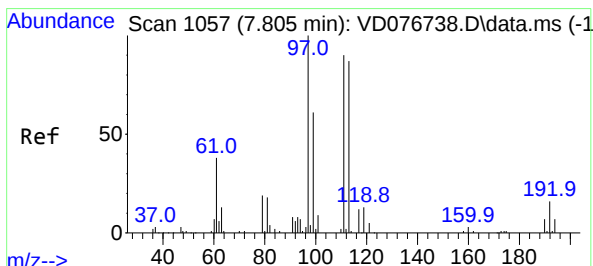
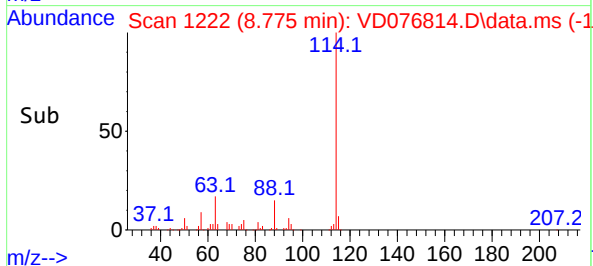
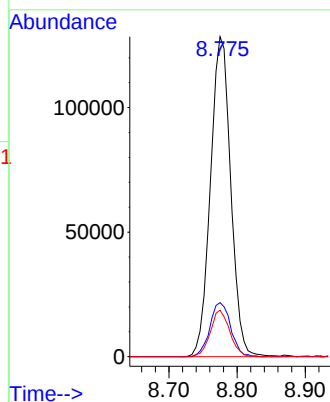
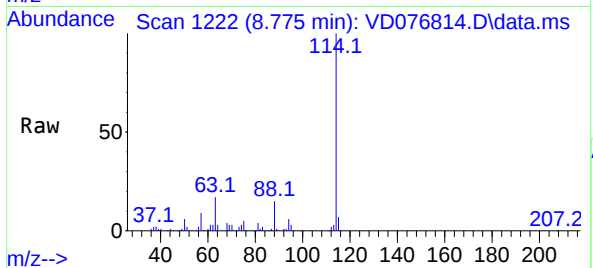
Tgt Ion:114 Resp: 265948

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.4

88 14.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 56.467 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076814.D

Acq: 26 Jul 2023 19:09

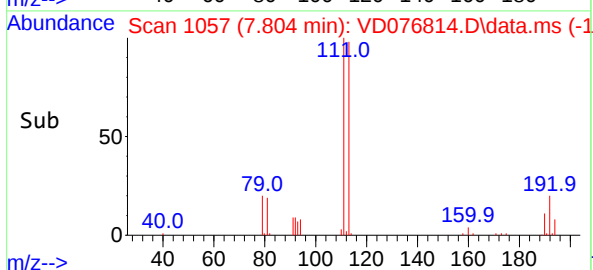
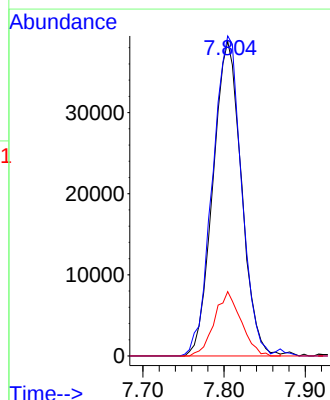
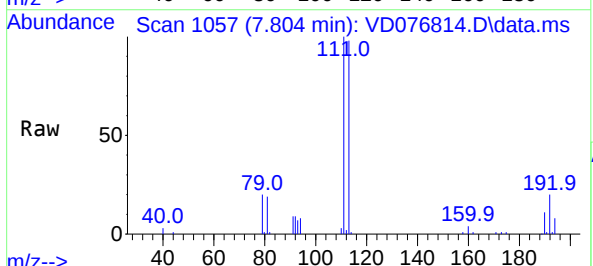
Tgt Ion:113 Resp: 94370

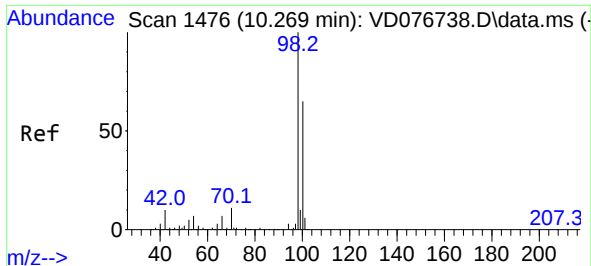
Ion Ratio Lower Upper

113 100

111 103.7 84.7 127.1

192 19.2 16.8 25.2

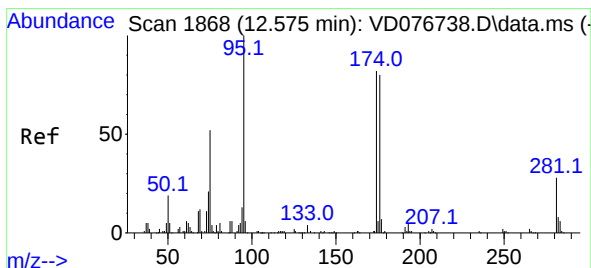
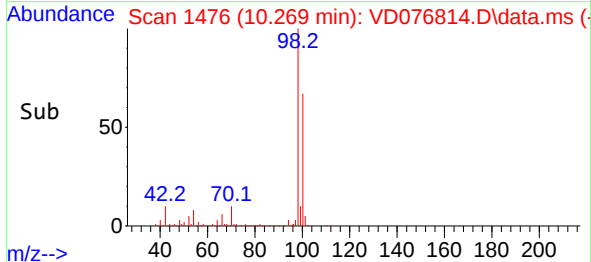
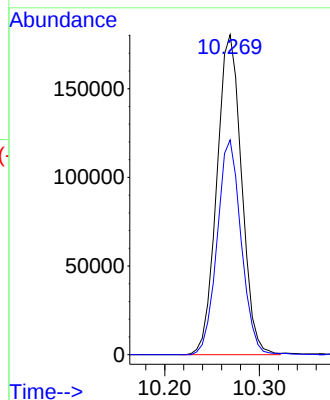
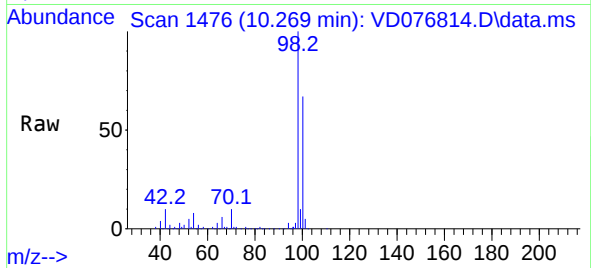




#50
Toluene-d8
Concen: 54.861 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076814.D
Acq: 26 Jul 2023 19:09

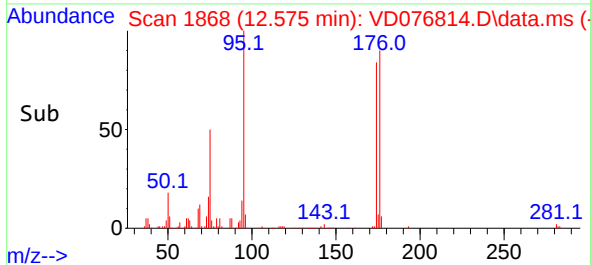
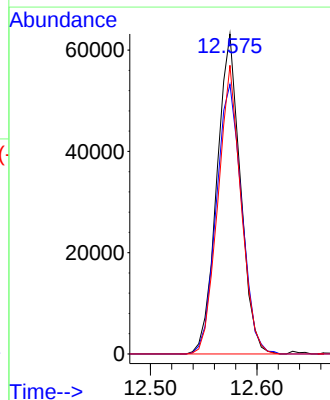
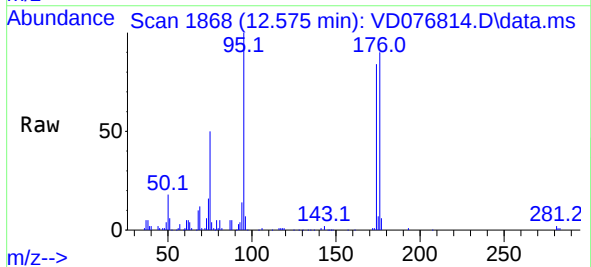
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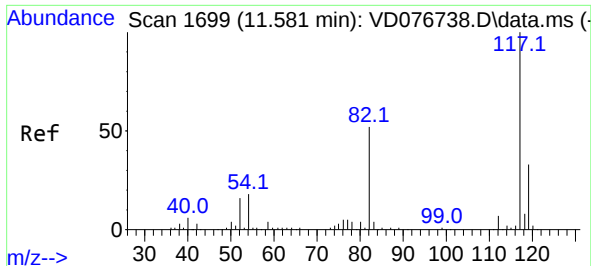
Tgt Ion: 98 Resp: 327993
Ion Ratio Lower Upper
98 100
100 65.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 49.928 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076814.D
Acq: 26 Jul 2023 19:09

Tgt Ion: 95 Resp: 96566
Ion Ratio Lower Upper
95 100
174 91.1 0.0 201.8
176 88.4 0.0 191.8

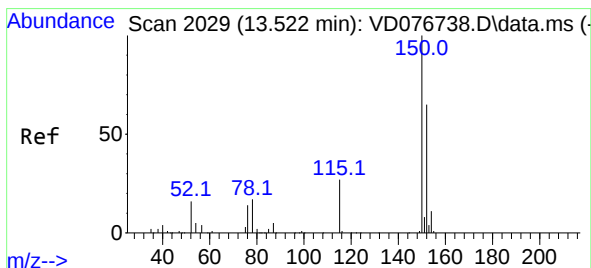
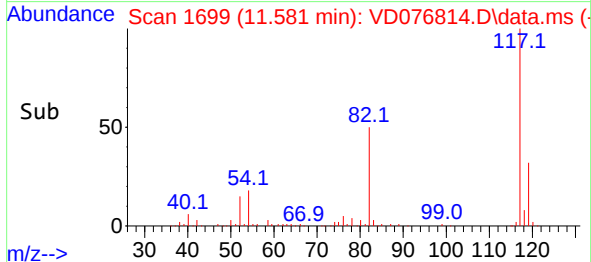
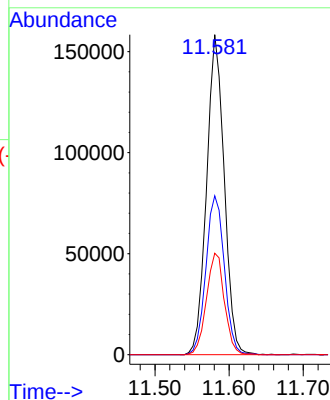
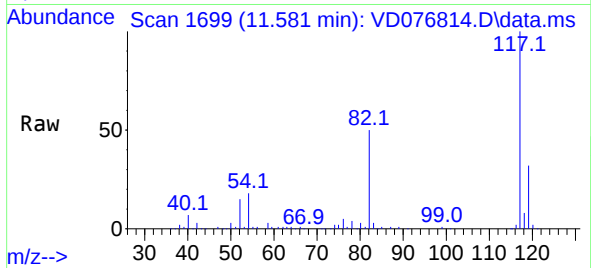




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076814.D
Acq: 26 Jul 2023 19:09

Instrument :
MSVOA_D
ClientSampleId :
B-P30A

Tgt Ion:117 Resp: 261675
Ion Ratio Lower Upper
117 100
82 49.6 38.3 57.5
119 31.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076814.D
Acq: 26 Jul 2023 19:09

Tgt Ion:152 Resp: 117733
Ion Ratio Lower Upper
152 100
115 56.4 27.1 81.3
150 157.6 0.0 353.6

